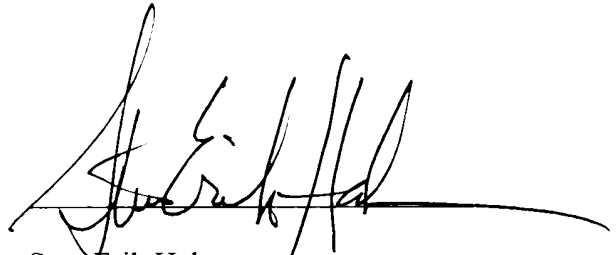


Accordingly, it is respectfully requested that this amendment be entered. That amendment is reflected in the submitted clean sheets thereof:

No fee is seen to be required.

10/4/2002

Date

A handwritten signature in black ink, appearing to read 'Sten Erik Hakanson', written over a horizontal line.

Sten Erik Hakanson
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OCT 15 2002

TC 1700

INVENTOR(S): Weber, Paul R., et. al.
ATTY FILE NO.: 1A0013.CP2
TITLE: Semi-Frozen Food Product Carbonator
FILED: 8/16/200
SERIAL NO.: 09/639,868
PAPER: Clean sheets of amendments to the specification.
EXAMINER: C. Bushey
ART UNIT: 1724

Please replace the first 3 lines of page 2, as follows:

The present application is a co-pending continuation-in-part of US patent application 09/079,063, filed 5/15/98, which was a co-pending continuation-in-part of US patent application Serial No. 08/987,395, filed 12/9/97.

Please replace the first sentence of page 15, as follows:

A pair of specialized carbonator/blender bottles 224 are retained in tank 218. Bottles 224 are seen in greater detail in Fig.'s 16 and 17 and are essentially the same as the carbonator disclosed in U.S. Patent No.5,792,391, which patent is incorporated herein by reference thereto.

Please replace the first 15 lines of page 20, as follows:

correlate the current draw to an arbitrary viscosity number scale, which scale is utilized by each board to indicate a level of viscosity of the beverage within the cylinder. As seen in Fig. 23, a start point is indicated by block 350. The viscosity is monitored by each board 340, wherein at block 351 it is determined if the viscosity is below a preset viscosity minimum. If the viscosity is below that minimum, and it has been below that minimum for greater than one second, block 352, then at block 354, it is determined if compressor 270 is on. If compressor 270 is on, then the viscosity is controlled at block 356. A more detailed description of the viscosity control is contained below with reference to Fig. 24. If compressor 270 is not on, then the control inquires if it has been off for more than two minutes, block 358. If it has, then compressor 270 is turned on at block 360 and viscosity is controlled at block 356. At block 361, it is determined if the

desired viscosity has attained a predetermined desired level. If it has, the compressor is turned off at block 362 and the control goes to return at block 364 and monitors the viscosity. If at blocks 351, 352 or 358 it is determined, respectively, that the viscosity is not below viscosity minimum or the viscosity minimum was not maintained for more than one second or that

Please replace the last four lines of page 25, as follows:

Disk 610 includes an outlet tube 620 having an upper end 620a and a lower end 620b, and a carbon dioxide gas inlet tube 622 having an upper end 622a and a lower end 622b. A plastic tube 624 is fluidly connected to end 620b of tube 620 and extends within cylinder 602 and terminates therein adjacent bottom end 604. A further plastic tube section 626 is

Please replace the last paragraph of page 28, as follows:

It was also found that plate 634 serves to partially separate the beverage mixture into two regions, one above the plate and one below. This separation appears to provide for both a preferential carbonating of the beverage in the upper region as the diffuser 630 is located therein, and provides for a preferential dispensing of the lower portion. It is though that plate 634 prevents disruption of the aforementioned carbonation gradient permitting more orderly and efficient carbonation of the beverage, which enhances the overall rate and efficiency of carbonation. In addition, the use of the diffuser 530, as mentioned above, further contributes to carbonation speed and efficiency. Thus, carbonator 600 provides for the ability to fully carbonate a large volume of beverage mixture rapidly under high draw and/or high ambient temperature conditions. The primary holes 636 permit beverage flow there through under conditions of low or normal dispense demand in a direction from the upper region to the lower region. The large flow hole 638 insures against starving of outlet tube 620 under conditions of high dispense demand.